

SCIENCE CLASSES - KELMSCOTT HOMESCHOOL GROUP - TERM 1

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7
Beginners group Ages 4-6 K-1 ***must have parent ***	Biological sciences: The needs of humans – warmth, food and water.	Biological sciences: the needs of living things – pets at home, plants in the garden or plants and animals in bushland	Chemical sciences: sorting and grouping materials	Chemical sciences: different forms of clothing used for different activities	Earth and space sciences: How weather affects our behaviour and clothes.	Earth and space sciences: how changes in the weather affects animals.	Physical sciences: observing the way different shaped objects move
Junior group Ages: 7-9 Years 2-4	Biological sciences: sorting living and non-living things	Biological sciences: differences between living, once living and products of living things	Chemical sciences: the effect of heat on different materials	Chemical sciences: how changes from solid to liquid and liquid to solid can help us recycle materials	Earth and space sciences: constructing sundials and investigating how they work	Physical sciences: how heat can be produced through friction or motion, electricity or chemically (burning)	Physical sciences: changes that occur in everyday situations due to heating and cooling
Intermediate group Ages: 10-12 Years: 5-7	Biological sciences: changing physical conditions for plants - impacts on their growth and survival	Biological sciences: observing the growth of fungi	Chemical sciences: the solubility of common materials in water	Chemical sciences: irreversible changes such as rusting, burning and cooking	Earth and space sciences: major geological events - earthquakes, volcanic eruptions and tsunamis	Physical sciences: the features of electrical devices such as switches and light globes	Physical sciences: The flow of electricity through electrical circuits
Senior group Ages: 13-16 Years 8-10	Biological sciences: The digestive system	Biological sciences: the effects on humans of exposure to electromagnetic radiations	Biological sciences: Biological factors that affect animal population sizes	Biological sciences: interactions between organisms - predator/prey, parasites, competitors, pollinators and disease	Chemical sciences: how the products of combustion reactions affect the environment	Chemical sciences: reactions of acids with metals, bases, and carbonates	Physical sciences: the transfer of energy through an electric circuit

INSTRUCTOR: SIMON THORP

COSTS:

Beginner \$60 per student (\$72 non-HEWA)

Junior \$75 per student (\$90 non-HEWA)

Intermediate \$80 per student (\$96 non-HEWA)

Seniors \$90 per student (\$108 non-HEWA)